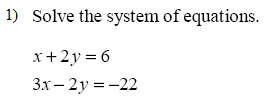
HW 3-2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Show all work.



2) Casey orders 2 orders of breadsticks and 3 pizzas for a total of $29.50. Rachel orders 3 orders of breadsticks and 2 pizzas for a total of $23. How much does a pizza cost?

2b + 3p = 29.50

3b + 2p = 23.00

3) At a Yankees game, one group of people ordered 10 hot dogs and 5 sodas that cost $12.50. A second group of people ordered 7 hot dogs and 4 sodas at $9.00. What is the cost of one soda and one hot dog?

10h + 5s = 12.50

7h + 4s = 9.00

4) Is (-4 ,5) a solution to the equation 4x + 8y = 1? Explain.

